Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 11 Jan 2021 until 23:59 on Tuesday 12 Jan 2021

Forecast Issued on Monday 11 Jan 2021 at 04:24

Confidence: High for changeable conditions through the coming week and for Tuesday becoming a fine day, but lower with regard to timings and clearance of the various bands of precipitation.

Headline for Monday 11 Jan 2021: Bright start but cloud increasing with rain in afternoon. Strong, mainly westerly winds.

Mountain weather hazards on Monday 11 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Dull	Light rain	Light rain	Heavy Rain	Heavy Rain
Precipitation probability					
10%	20%	30%	70%	80%	>95%

Forecast for Monday 11 Jan 2021

Weather: Rather cloudy through the morning, although some brighter intervals across eastern parts at first. Likely dry for much of the morning, before outbreaks of rain spread east around midday, becoming persistent across western parts.

Chance of cloud free mountain/hill tops above 600m: 60% at first, especially in east, 25% by midday and then close to zero by evening.

Visibility: Cloud obscuring tops above 600m increasingly though the morning, before lowering to 450m at times through the afternoon and evening. Best of the views across eastern hills. Otherwise moderate visibility with some reductions due to occasional rain.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 11 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/37 W	25/31 SW	29/36 SW	30/38 W	33/43 W	29/38 W	24/32 W
300	21/29 W	20/26 SW	23/30 SW	24/33 SW	23/33 W	22/33 W	18/27 W
Valley	12/28 W	9/24 SW	12/29 SW	15/32 W	16/34 W	15/31 W	13/27 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-6	2/-5	2/-4	4/-3	4/-2	4/-3	4/-3
300	4/-2	4/-2	4/-1	5/-0	6/1	6/0	6/1
Valley	4/0	4/1	5/1	6/2	7/3	6/2	6/2
Freezing Level*	900m	900m	1100m	1500m	1300m	1200m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 50mph over summits, especially in afternoon and evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 11 Jan 2021	1mm	1.4mm	1.4mm

Forecast for Tuesday 12 Jan 2021

Weather: Outbreaks of rain during the early hours, gradually clearing south around dawn. Freezing levels falling, with a freeze expected across the higher summits. A largely dry day follows with largely unbroken sunshine, before cloud thickens from the west towards midnight.

Maximum wind: Northerly 20-25mph at first, easing to Northwest and then westerly 10-20mph through the day.

Chance of cloud free mountain/hill tops above 600m: 20% at first, but increasing by dawn to near 100%.

Visibility: Cloud obscuring tops above 400m overnight clearing around dawn. Otherwise very good visibility with some excellent panoramic views

Temperature: **Valleys:** Plus 2 Celsius rising to Plus 5 Celsius
At 600m: Plus 2 Celsius falling to Zero around dawn, and minus 2 Celsius by dusk.
Freezing level: Above the summits falling 600m around dawn then less than 300m by evening.

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